



AMERICAN
SPEECH-LANGUAGE-
HEARING
ASSOCIATION

SLP HEALTH CARE SURVEY 2009



Survey Summary Report: Number and Type of Responses

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*2009 SLP health care survey summary report:
Number and type of responses*
Rockville, MD: Author.

Probability (non-replacement) sampling using a stratified systematic technique was used to select a sample of 4,000 ASHA-certified speech-language pathologists with health care as their primary employment facility for the 2009 Health Care Survey. A **54.6% response rate** was obtained (n = 2,064 completed surveys from a net sample of 3,780 eligibles). Data are not reported for cells with fewer than 25 respondents. Small groups, such as speech-language pathologists who work in pediatric hospitals, were over sampled in order to have sufficient numbers from these groups included in the sample. All reported *n*'s are unweighted and are the actual number of respondents who answered the question. Table columns with specific health care facility subtitles such as "General Medical" and "Rehab Hospital" reflect results based on unweighted data. The "Total" column, however, reflects results for respondents based on weighted data, that is, the estimated distribution in the total population based on the sample.

A description of specific facilities that compose the six types in the tables as well as a description of statistical terms used in the report can be found at the end of the report.

ASHA Services and Programs

1. In your opinion, what kind of job is the Association doing in serving its health care members? (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Response	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1957)	(n = 365)	(n = 141)	(n = 63)	(n = 438)	(n = 284)	(n = 534)
Poor	4.3	5.2	5.7	3.2	5.3	2.5	3.9
Fair	30.8	37.8	27.0	27.0	33.1	26.4	30.1
Good	57.4	49.9	61.7	66.7	55.7	60.6	57.7
Excellent	7.6	7.1	5.7	3.2	5.9	10.6	8.2
Statistical significance	$\chi^2(15) = 27.0, p = .029, \text{Cramer's } V = .070$						

Workforce

2. Do you currently have funded, unfilled positions for SLPs at your facility? (Percentages) Analyses limited to respondents who met the following criterion: ❖ CCC-SLP							
Response	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2037)	(n = 382)	(n = 147)	(n = 68)	(n = 449)	(n = 291)	(n = 560)
Yes	25.0	20.2	26.5	32.4	25.2	35.4	24.1
No	69.9	79.8	72.8	66.2	73.9	62.9	74.6
Not currently employed (Skip to Q. 6.)	5.1	0.0	0.7	1.5	0.9	1.7	1.3
Statistical significance	Too many cells (28%) have expected count less than 5.						
Recoded, deleting "Not currently employed" response							
	(n = 1932)	(n = 382)	(n = 146)	(n = 67)	(n = 445)	(n = 286)	(n = 553)
Yes	26.4	20.2	26.7	32.8	25.4	36.0	24.4
No	73.6	79.8	73.3	67.2	74.6	64.0	75.6
Statistical significance	$\chi^2(5) = 24.1, p = .000, \text{Cramer's } V = .113$						



3. Based on your own observations and experiences, rate the current job market for SLPs in your type of employment facility and in your geographic area. (Percentages)
 Analyses limited to respondents who met the following criterion:
 ❖ CCC-SLP

Job Market	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1892)	(n = 369)	(n = 143)	(n = 65)	(n = 438)	(n = 287)	(n = 536)
Job openings more numerous than job seekers	46.6	34.1	35.0	30.8	56.2	61.0	47.2
Job openings in balance with job seekers	34.1	36.3	39.2	40.0	30.4	26.5	35.1
Job openings fewer than job seekers	19.3	29.5	25.9	29.2	13.5	12.5	17.7
Statistical significance	$\chi^2(10) = 91.2, p = .000$, Cramer's V = .157						

4. How many SLP student interns have you had in your facility within the past 12 months? *If none, write "0."*
 Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full-time or part-time

Interns	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1872)	(n = 372)	(n = 140)	(n = 64)	(n = 440)	(n = 279)	(n = 543)
25th percentile	0.0	0.0	0.0	1.0	0.0	0.0	0.0
50th percentile (Median)	0.0	1.0	2.0	2.5	0.0	0.0	1.0
75th percentile	2.0	3.0	4.0	6.0	1.0	0.0	2.0
Mean	1.4	1.8	2.8	5.1	0.7	0.6	1.4
Standard deviation	2.7	2.1	3.0	7.6	1.9	1.5	2.4
Mode	0.0	0.0	0.0	1.0	0.0	0.0	0.0
Statistical significance	$F(5, 1832) = 49.7, p = .000$						

5. Would you support the use of SLP assistants in your facility if their services could be reimbursed? (Percentages)
Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Response	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1901)	(n = 372)	(n = 143)	(n = 67)	(n = 438)	(n = 284)	(n = 540)
Yes	41.1	31.7	42.7	38.8	39.7	40.1	49.1
No	58.9	68.3	57.3	61.2	60.3	59.9	50.9
Statistical significance	$\chi^2(5) = 28.4, p = .000, \text{Cramer's } V = .124$						

6. During the past 12 months, which of the following UNdesired changes happened to you? *Select all that apply.* (Percentages) (Columns may total more than 100% because multiple responses were allowed.)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Change	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2064)	(n = 384)	(n = 148)	(n = 68)	(n = 452)	(n = 301)	(n = 564)
Job loss/layoff	2.7	3.1	4.7	1.5	4.0	2.3	0.7
Statistical significance	$\chi^2(5) = 15.1, p = .010, \text{Cramer's } V = .089$						
Reduction in work hours	10.0	9.9	10.1	5.9	13.1	8.0	11.2
Statistical significance	$\chi^2(5) = 7.1, p = .214$						
Increase in work hours	7.7	6.8	6.1	7.4	8.8	8.0	9.9
Statistical significance	$\chi^2(5) = 4.4, p = .496$						

(Table 6 continues on next page.)

6. (Cont'd.) During the past 12 months, which of the following UNdesired changes happened to you? *Select all that apply.* (Percentages) (Columns may total more than 100% because multiple responses were allowed.)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Change	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2064)	(n = 384)	(n = 148)	(n = 68)	(n = 452)	(n = 301)	(n = 564)
Reduction in salary or benefits (without changes in hours)	13.7	14.8	16.2	25.0	9.3	15.0	16.1
Statistical significance		$\chi^2(5) = 17.7, p = .003$, Cramer's V = .096					
Conversion from salaries to hourly or PRN pay	3.5	3.9	4.7	0.0	5.8	2.3	2.7
Statistical significance		$\chi^2(5) = 11.9, p = .036$, Cramer's V = .079					
Increase in the number of sites served	9.9	8.6	4.1	1.5	17.9	10.6	7.3
Statistical significance		$\chi^2(5) = 47.9, p = .000$, Cramer's V = .158					
Reduction in caseload/workload/productivity	11.3	11.5	6.1	5.9	12.4	7.0	15.6
Statistical significance		$\chi^2(5) = 22.0, p = .001$, Cramer's V = .107					
Increase in caseload/workload/productivity	26.4	26.6	36.5	44.1	31.6	19.3	23.4
Statistical significance		$\chi^2(5) = 34.6, p = .000$, Cramer's V = .134					
Replacement by support personnel	1.2	0.5	0.7	0.0	1.1	2.3	2.3
Statistical significance		$\chi^2(5) = 8.8, p = .119$					
None of the above	42.2	40.9	41.2	32.4	35.8	49.5	39.4
Statistical significance		$\chi^2(5) = 16.4, p = .006$, Cramer's V = .093					

7. The opportunity to enroll and bill as a Medicare provider will begin in July, 2009. Which of the following describes your situation? (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Situation	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1898)	(n = 343)	(n = 132)	(n = 63)	(n = 427)	(n = 281)	(n = 523)
I'll begin seeing Medicare patients in my private practice.	8.2	4.1	3.0	4.8	4.0	12.1	17.6
I'll become a private practitioner to treat Medicare patients.	7.3	7.9	5.3	6.3	8.9	8.9	5.9
I have no plans to become a Medicare provider.	84.5	88.0	91.7	88.9	87.1	79.0	76.5
Statistical significance	$\chi^2(10) = 16.4, p = .000, \text{Cramer's } V = .153$						



Employment and Earnings

8. Which one of the following categories best describes your employment status? (Percentages except where otherwise noted.)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Status	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2058)	(n = 384)	(n = 148)	(n = 68)	(n = 451)	(n = 300)	(n = 563)
Employed full-time	60.8	59.4	64.2	55.9	70.7	59.3	65.4
Employed part-time	33.9	40.4	35.8	44.1	29.0	40.7	34.5
On leave of absence	1.6	0.3	0.0	0.0	0.0	0.0	0.0
Not employed but actively seeking employment	0.7	0.0	0.0	0.0	0.2	0.0	0.2
Not employed and not seeking employment	2.2	0.0	0.0	0.0	0.0	0.0	0.0
Retired	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Statistical significance	Too many cells (50%) have expected count less than 5.						
Employed Full-time or Part-time only							
	(n = 1947)	(n = 383)	(n = 148)	(n = 68)	(n = 450)	(n = 300)	(n = 562)
Employed full-time	64.2	59.5	64.2	55.9	70.9	59.3	65.5
Employed part-time	35.8	40.5	35.8	44.1	29.1	40.7	34.5
Statistical significance	$\chi^2(5) = 17.9, p = .003, \text{Cramer's } V = .097$						

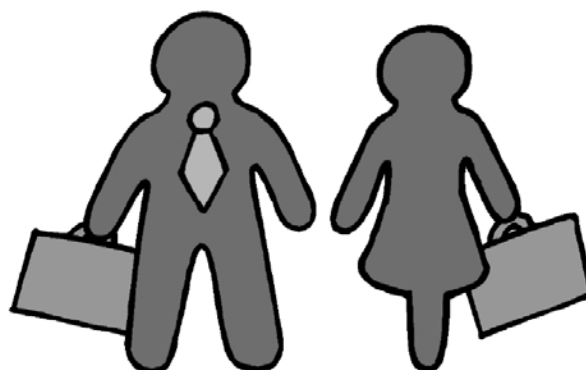


9. Select the one position that best describes how you spent most of your time. *Only one answer can be accepted.*
 (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time

Function	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1931)	(n = 383)	(n = 147)	(n = 68)	(n = 448)	(n = 300)	(n = 557)
Clinical service provider	88.3	90.9	86.4	85.3	87.1	92.3	86.9
College/university faculty member	0.2	0.0	0.0	0.0	0.0	0.0	0.7
Researcher	0.1	0.0	0.0	1.5	0.0	0.0	0.0
Consultant	0.7	0.3	0.0	1.5	1.1	1.0	0.7
Administrator/ supervisor/ director	10.5	8.9	13.6	10.3	11.8	6.3	11.5
Other	0.2	0.0	0.0	1.5	0.0	0.3	0.2
Statistical significance	Too many cells (67%) have expected count less than 5.						



10. Select the one type of facility that best describes where you work most of the time. *For individuals engaged in private practice, select the type of facility in which you deliver most of your services. Only one answer can be accepted.* (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time

Facility	Unweighted	Weighted
	(n = 1926)	
General medical hospital	19.9	19.4
Rehabilitation hospital	7.7	8.0
Pediatric hospital	3.5	4.0
Skilled nursing facility (SNF)	23.4	23.1
Home health agency or client's home	15.6	16.1
Outpatient clinic or office	29.2	28.7
Other	0.8	0.7

11. How are you paid in your primary job? (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time

Salary Basis	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1911)	(n = 380)	(n = 148)	(n = 67)	(n = 447)	(n = 297)	(n = 542)
Annual salary	34.9	35.3	48.6	52.2	19.5	24.9	44.1
Per hour (SKIP to Q. 13.)	56.1	64.2	51.4	47.8	80.3	27.9	50.7
Per home health visit (SKIP to Q. 15.)	9.0	0.5	0.0	0.0	0.2	47.1	5.2
Statistical significance	$\chi^2(10) = 734.0, p = .000, \text{Cramer's } V = .442$						

12. If you are paid on an annual salary basis, indicate the gross annual salary associated with your principal professional employment. *Include your annual salary before all deductions but do not include monies earned for work that is not a usual part of your principal professional employment. Bonuses and commissions should be included.* (Gross annual salary, March 2009.)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time
- ❖ Annual salary of at least \$1

Annual Salary	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 525)	(n = 99)	(n = 63)	(n = 26)	(n = 72)	(n = 64)	(n = 187)
25th percentile	\$60,000	\$65,000	\$62,000	\$56,750	\$72,000	\$55,250	\$54,000
50th percentile (Median)	\$70,000	\$73,000	\$73,400	\$66,250	\$80,000	\$66,000	\$65,000
75th percentile	\$82,000	\$82,000	\$85,000	\$74,300	\$100,000	\$76,500	\$80,000
Mean	\$73,736	\$74,436	\$74,076	\$65,988	\$89,396	\$70,126	\$71,489
Standard deviation	\$24,086	\$14,874	\$13,889	\$19,442	\$32,657	\$26,313	\$28,419
Mode	\$70,000	\$70,000	\$70,000	\$59,000	\$75,000	\$50,000	\$60,000
Statistical significance	$F(5, 505) = 6.7, p = .000$						



13. If you are paid on an hourly basis, indicate the hourly rate you earn for all logged time associated with your principal professional employment. *Include your hourly salary before all deductions but do not include monies earned for work that is not a usual part of your principal professional employment. Bonuses and commissions should be included.* (Hourly rate, March 2009.)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time
- ❖ Hourly salary of at least \$1

Hourly Salary	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
30 or fewer hours							
	(n = 548)	(n = 116)	(n = 41)	(n = 20)	(n = 131)	(n = 64)	(n = 176)
25th percentile	\$36.00	\$33.18	\$31.27	(n < 25)	\$39.00	\$40.00	\$38.00
50th percentile (Median)	\$44.16	\$40.00	\$39.00		\$45.00	\$65.00	\$55.00
75th percentile	\$57.00	\$45.00	\$45.00		\$52.00	\$91.50	\$84.25
Mean	\$52.24	\$41.16	\$39.13		\$46.35	\$70.05	\$66.15
Standard deviation	\$26.64	\$10.17	\$10.71		\$9.29	\$33.17	\$36.90
Mode	\$40.00	\$45.00	\$35.00		\$50.00	\$40.00	\$40.00
Statistical significance	$F(5, 544) = 27.6, p = .000$						
More than 30 hours							
	(n = 459)	(n = 113)	(n = 31)	(n = 12)	(n = 210)	(n = 15)	(n = 78)
25th percentile	\$32.75	\$31.80	\$32.96	(n < 25)	\$34.00	(n < 25)	\$30.00
50th percentile (Median)	\$36.00	\$35.00	\$35.85		\$34.64		\$35.47
75th percentile	\$40.50	\$40.75	\$39.00		\$41.00		\$54.00
Mean	\$39.12	\$37.73	\$36.73		\$38.04		\$47.82
Standard deviation	\$13.36	\$9.76	\$6.35		\$6.78		\$27.75
Mode	\$35.00	\$50.00	\$38.00		\$35.00		\$30.00
Statistical significance	$F(5, 453) = 6.9, p = .000$						

14. For how many hours were you paid during a typical week in March for the hourly rate you entered in Q. 13?

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Hourly salary of at least \$1

Hours	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1019)	(n = 242)	(n = 75)	(n = 34)	(n = 356)	(n = 83)	(n = 265)
25th percentile	20.0	20.0	18.0	20.0	24.0	10.0	15.0
50th percentile (Median)	30.0	30.0	30.0	24.5	35.0	20.0	24.0
75th percentile	40.0	40.0	39.6	40.0	40.0	30.0	32.0
Mean	27.5	28.4	26.9	26.4	31.5	20.1	23.6
Standard deviation	11.8	11.2	11.7	12.2	10.9	11.9	11.3
Mode	40.0	40.0	40.0	40.0	40.0	30.0	20.0
Statistical significance	$F(5, 1003) = 22.1, p = .000$						

15. If you are paid per home health visit, indicate your typical per visit rate.

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Per visit wage of at least \$1

Hours	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 174)	(n = 3)	(n = 2)	(n = 0)	(n = 3)	(n = 139)	(n = 27)
25th percentile	\$55.00	(n < 25)	(n < 25)	(n < 25)	(n < 25)	\$55.00	\$65.00
50th percentile (Median)	\$65.00					\$65.00	\$75.00
75th percentile	\$75.00					\$75.00	\$93.00
Mean	\$68.94					\$67.48	\$82.63
Standard deviation	\$27.99					\$26.57	\$30.37
Mode	\$75.00					\$75.00	\$65.00
Statistical significance	$F(4, 169) = 3.5, p = .010$						

Professional Services

16. How many hours do you work in a typical <u>DAY</u> ? Round to the nearest half hour (e.g., 7.5). Analyses limited to respondents who met the following criteria:							
❖ CCC-SLP							
❖ Employed full-time or part-time							
Hours per day	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1893)	(n = 373)	(n = 144)	(n = 66)	(n = 443)	(n = 295)	(n = 543)
25th percentile	7.0	7.0	7.1	7.5	6.5	6.0	7.0
50th percentile (Median)	8.0	8.0	8.0	8.0	8.0	8.0	8.0
75th percentile	8.5	8.5	8.5	9.0	8.0	8.5	9.0
Mean	7.6	7.6	7.8	8.1	7.4	7.1	7.9
Standard deviation	1.8	1.6	1.5	1.8	1.8	2.3	1.9
Mode	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Statistical significance	$F(5, 1858) = 9.6, p = .000$						
Employed full-time only							
	(n = 1225)	(n = 225)	(n = 93)	(n = 37)	(n = 317)	(n = 175)	(n = 358)
25th percentile	8.0	8.0	8.0	8.0	7.5	7.5	8.0
50th percentile (Median)	8.0	8.0	8.0	9.0	8.0	8.0	8.3
75th percentile	9.0	9.0	9.0	9.8	8.5	9.0	9.5
Mean	8.3	8.3	8.3	8.8	8.2	8.1	8.6
Standard deviation	1.2	1.1	1.0	1.2	1.1	1.5	1.3
Mode	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Statistical significance	$F(5, 1199) = 7.7, p = .000$						

(Table 16 continues on next page.)

16. (Cont'd.) How many hours do you work in a typical DAY? Round to the nearest half hour (e.g., 7.5).

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time

Hours per day	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
Employed part-time only							
	(n = 668)	(n = 148)	(n = 51)	(n = 29)	(n = 126)	(n = 120)	(n = 185)
25th percentile	5.0	6.0	6.0	6.0	4.0	4.0	5.0
50th percentile (Median)	6.5	7.0	7.5	8.0	5.5	6.0	7.0
75th percentile	8.0	8.0	8.0	8.8	6.5	7.9	8.0
Mean	6.3	6.7	6.9	7.2	5.4	5.6	6.4
Standard deviation	2.0	1.7	1.7	2.1	1.6	2.3	2.1
Mode	8.0	6.0	8.0	8.0	6.0	8.0	8.0
Statistical significance	$F(5, 653) = 11.4, p = .000$						



17. In your normal work DAY, how much time do you typically spend in actual (vs. scheduled) direct patient care?
 Exclude documentation, phone calls, team meetings, etc. Round to the nearest half hour (e.g., 5.5).

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider

Hours/Direct Care	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
Full-time							
	(n = 1020)	(n = 192)	(n = 74)	(n = 30)	(n = 260)	(n = 158)	(n = 296)
25th percentile	5.0	5.0	5.5	5.5	5.6	5.0	5.5
50th percentile (Median)	6.0	6.0	6.0	6.4	6.0	5.5	6.0
75th percentile	7.0	6.0	6.5	7.0	7.0	6.0	7.0
Mean	6.0	5.7	5.9	6.3	6.3	5.5	6.3
Standard deviation	1.3	1.1	1.0	1.3	1.1	1.3	1.4
Mode	6.0	6.0	6.0	6.0	6.0	5.0	6.0
Statistical significance	$F = 15.0, df = 5, 1004, p = .000$						
Part-time							
	(n = 635)	(n = 144)	(n = 49)	(n = 26)	(n = 120)	(n = 114)	(n = 173)
25th percentile	4.0	4.0	4.5	4.9	3.5	3.0	4.0
50th percentile (Median)	4.5	4.5	5.3	5.5	4.0	4.0	5.0
75th percentile	6.0	6.0	6.0	6.0	5.0	5.5	6.0
Mean	4.7	4.8	5.1	5.4	4.3	4.3	4.9
Standard deviation	1.6	1.4	1.2	1.1	1.4	1.6	1.7
Mode	4.0	4.0	5.0	6.0	4.0	4.0	6.0
Statistical significance	$F = 6.0, df = 5, 620, p = .000$						

18. Does your facility have a productivity requirement? (Percentages)
 Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full-time or part-time

Productivity Requirement	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1915)	(n = 381)	(n = 148)	(n = 68)	(n = 447)	(n = 291)	(n = 552)
Yes	59.0	67.5	73.6	85.3	86.1	34.4	33.5
No (Skip to Q. 20.)	41.0	32.5	26.4	14.7	13.9	65.6	66.5
Statistical significance	$\chi^2(5) = 397.4, p = .000$, Cramer's V = .459						

19. Indicate the productivity requirement at your facility. (Percentages)
 Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full-time or part-time
 ❖ Response to Q. 18 was Yes

Productivity Requirement	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1012)	(n = 257)	(n = 109)	(n = 58)	(n = 385)	(n = 100)	(n = 185)
25th percentile	70.0	70.0	75.0	62.5	75.0	60.0	65.0
50th percentile (Median)	78.0	75.0	80.0	65.0	80.0	75.0	75.0
75th percentile	80.0	80.0	85.0	75.0	85.0	85.0	80.0
Mean	76.7	74.8	77.6	68.6	80.9	73.9	74.1
Standard deviation	10.8	10.9	12.9	9.8	6.8	14.6	11.5
Mode	80.0	75.0	80.0	75.0	80.0	80.0	80.0
Statistical significance	$F = 25.2, df = 5, 995, p = .000$						

20. Does the facility in which you primarily work provide for SLP services on weekends? (Percentages)
 Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full-time or part-time

Weekend Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1900)	(n = 378)	(n = 147)	(n = 68)	(n = 444)	(n = 285)	(n = 549)
Yes	43.5	71.4	76.2	60.3	34.5	30.9	28.6
No	56.5	28.6	23.8	39.7	65.5	69.1	71.4
Statistical significance	$\chi^2(5) = 273.9, p = .000, \text{Cramer's } V = .383$						

21. In your facility, do any professionals other than SLPs provide primary swallowing services (e.g., assessment, treatment, instrumental studies)? (Percentages)
 Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full-time or part-time

Swallowing Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1894)	(n = 381)	(n = 147)	(n = 66)	(n = 443)	(n = 283)	(n = 545)
Yes	10.3	9.2	5.4	47.0	2.9	15.9	11.2
No	89.7	90.8	94.6	53.0	97.1	84.1	88.8
Statistical significance	$\chi^2(5) = 135.8, p = .000, \text{Cramer's } V = .270$						

22. What percentage of your services is delivered to the following populations? *Total must equal 100%.*
 (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Populations	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1671)	(n = 342)	(n = 126)	(n = 58)	(n = 385)	(n = 273)	(n = 466)
Infant-toddlers							
Mean	15.3	5.8	3.2	45.8	0.3	39.0	17.6
Standard deviation	26.9	15.4	11.0	28.0	3.0	40.4	20.6
Statistical significance	<i>F = 124.5, df = 5, 1078, p = .000</i>						
Preschool							
Mean	13.7	5.0	3.1	35.3	0.7	13.7	30.5
Standard deviation	21.3	12.8	9.4	21.9	4.3	21.5	23.2
Statistical significance	<i>F = 110.0, df = 5, 1087, p = .000</i>						
School age							
Mean	12.2	3.2	4.3	17.5	1.4	10.8	31.0
Standard deviation	21.0	7.2	9.7	13.4	7.2	21.6	26.0
Statistical significance	<i>F = 101.0, df = 5, 1071, p = .000</i>						
Adults							
Mean	58.8	86.0	89.4	1.4	97.6	36.5	20.9
Standard deviation	45.8	26.4	23.6	5.2	9.8	45.6	35.1
Statistical significance	<i>F = 272.4, df = 5, 1334, p = .000</i>						

23. Of the time you spend providing PEDIATRIC services, approximately what percentage is spent in the following areas? *Total must equal 100%*. (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Pediatric Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 872)	(n = 135)	(n = 37)	(n = 55)	(n = 36)	(n = 187)	(n = 406)
Articulation-phonology							
Mean	24.7	23.0	16.9	16.2	27.1	21.3	28.7
Standard deviation	20.7	26.1	21.4	15.8	27.3	18.3	18.9
Statistical significance	<i>F = 7.4, df = 5, 850, p = .000</i>						
Cognitive communication							
Mean	12.2	8.3	27.7	8.1	11.1	11.6	13.1
Standard deviation	18.6	18.0	32.9	11.8	21.1	16.7	18.2
Statistical significance	<i>F = 7.1, df = 5, 850, p = .000</i>						
Fluency							
Mean	2.9	1.6	3.6	2.5	6.7	1.6	4.1
Standard deviation	8.9	4.5	16.5	7.2	19.1	4.7	10.9
Statistical significance	<i>F = 3.5, df = 5, 850, p = .004</i>						
Language							
Mean	37.1	23.3	24.5	30.0	42.9	47.9	37.9
Standard deviation	24.5	24.6	25.1	25.6	31.1	24.1	20.9
Statistical significance	<i>F = 21.3, df = 5, 850, p = .000</i>						

(Table 23 continues on next page.)

23. (Cont'd.) Of the time you spend providing PEDIATRIC services, approximately what percentage is spent in the following areas? *Total must equal 100%*. (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Pediatric Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 872)	(n = 135)	(n = 37)	(n = 55)	(n = 36)	(n = 187)	(n = 406)
Prevention/wellness							
Mean	1.0	0.4	0.2	1.6	0.3	1.4	1.0
Standard deviation	3.8	2.2	0.8	4.7	1.7	4.3	4.2
Statistical significance	<i>F = 1.8, df = 5, 850, p = .120</i>						
Swallowing and feeding							
Mean	15.9	37.4	22.5	34.7	9.4	12.0	7.9
Standard deviation	25.9	40.2	27.2	37.2	21.4	15.9	14.1
Statistical significance	<i>F = 41.7, df = 5, 850, p = .000</i>						
Voice/resonance							
Mean	2.9	4.7	4.2	5.8	1.0	0.8	2.9
Standard deviation	10.9	13.9	16.5	18.0	2.9	2.1	10.1
Statistical significance	<i>F = 3.4, df = 5, 850, p = .005</i>						
Other							
Mean	3.3	1.4	0.5	1.1	1.5	3.4	4.3
Standard deviation	13.7	9.3	2.0	4.3	8.4	13.2	16.0
Statistical significance	<i>F = 1.8, df = 5, 850, p = .111</i>						

24. Of the time that you spend providing ADULT services, approximately what percentage is spent in the following areas? *Total must equal 100%*. (Mean percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Adult Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1160)	(n = 327)	(n = 115)	(n = 6)	(n = 376)	(n = 117)	(n = 209)
Accent modification/communication effectiveness							
Mean	1.4	0.2	0.3	(n < 25)	0.4	1.3	5.7
Standard deviation	9.4	1.0	2.2		1.9	9.6	19.8
Statistical significance	<i>F = 12.0, df = 5, 1144, p = .000</i>						
Aphasia							
Mean	16.6	16.4	21.6	(n < 25)	12.4	26.5	16.6
Standard deviation	14.2	11.9	12.8		8.8	19.3	19.5
Statistical significance	<i>F = 22.5, df = 5, 1144, p = .000</i>						
Cognitive communication: Dementia							
Mean	10.9	5.1	7.9	(n < 25)	20.5	10.7	4.5
Standard deviation	13.6	7.0	11.6		15.5	10.9	10.9
Statistical significance	<i>F = 79.8, df = 5, 1144, p = .000</i>						
Cognitive communication: TBI							
Mean	7.6	6.5	19.0	(n < 25)	2.4	5.7	12.5
Standard deviation	14.4	8.4	21.5		5.5	13.2	21.3
Statistical significance	<i>F = 35.1, df = 5, 1144, p = .000</i>						

(Table 24 continues on next page.)

24. (Cont'd.) Of the time that you spend providing ADULT services, approximately what percentage is spent in the following areas? *Total must equal 100%*. (Mean percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Adult Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1160)	(n = 327)	(n = 115)	(n = 6)	(n = 376)	(n = 117)	(n = 209)
Cognitive communication: Other							
Mean	2.7	1.6	4.3	(n < 25)	1.3	4.2	4.9
Standard deviation	10.3	4.4	8.7		4.1	15.2	18.1
Statistical significance	F = 5.5, df = 5, 1144, p = .000						
Motor speech							
Mean	7.5	6.3	9.6	(n < 25)	5.3	9.4	11.1
Standard deviation	9.4	5.8	7.8		7.1	9.6	16.0
Statistical significance	F = 13.5, df = 5, 1144, p = .000						
Swallowing							
Mean	44.9	57.6	32.1	(n < 25)	54.9	35.3	20.2
Standard deviation	25.5	21.8	19.3		19.0	20.9	24.1
Statistical significance	F = 111.0.0, df = 5, 1144, p = .000						
Voice/resonance							
Mean	6.2	5.6	5.0	(n < 25)	2.6	3.4	15.8
Standard deviation	13.1	10.4	8.9		4.2	4.3	23.4
Statistical significance	F = 36.7, df = 5, 1144, p = .000						
(Table 24 continues on next page.)							

24. (Cont'd.) Of the time that you spend providing ADULT services, approximately what percentage is spent in the following areas? *Total must equal 100%*. (Mean percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Adult Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1160)	(n = 327)	(n = 115)	(n = 6)	(n = 376)	(n = 117)	(n = 209)
Other							
Mean	2.2	0.8	0.2	(n < 25)	0.1	3.6	8.7
Standard deviation	12.8	6.9	1.2		1.3	15.4	25.6
Statistical significance	F = 14.8, df = 5, 1144, p = .000						

Children's Services

25. Do you provide Early Intervention (EI) services (i.e., to children 0 to 3 under the direction of an individualized Family Service Plan or IFSP)?

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

EI	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1509)	(n = 298)	(n = 114)	(n = 58)	(n = 302)	(n = 256)	(n = 464)
Yes	25.5	9.7	7.0	34.5	4.3	62.5	30.4
No	74.5	90.3	93.0	65.5	95.7	37.5	69.6
Statistical significance	$\chi^2(5) = 328.8, p = .000, \text{Cramer's } V = .469$						

26. Children with autism account for what percentage of your caseload?
 Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider
- ❖ Employed full-time or part-time

Autism	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1109)	(n = 348)	(n = 127)	(n = 58)	(n = 390)	(n = 277)	(n = 484)
25th percentile	0.0	0.0	0.0	0.0	0.0	0.0	5.0
50th percentile (Median)	6.0	0.0	0.0	10.0	0.0	10.0	20.0
75th percentile	25.0	5.0	0.8	27.5	0.0	25.0	40.0
Mean	15.9	5.8	5.2	17.9	3.6	16.3	25.7
Standard deviation	21.6	13.4	14.8	21.1	13.9	19.4	24.3
Mode	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistical significance	$F = 44.7, df = 5, 1089, p = .000$						

Private Practice

27. Are you the owner or co-owner of a private practice?
 Analyses limited to respondents who met the following criterion:

- ❖ CCC-SLP

Owner	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1747)	(n = 332)	(n = 130)	(n = 62)	(n = 372)	(n = 279)	(n = 543)
Yes	24.3	10.2	6.9	12.9	9.4	42.7	47.1
No (SKIP to Q. 31.)	75.7	89.8	93.1	87.1	90.6	57.3	52.9
Statistical significance	$\chi^2(5) = 286.1, p = .000, \text{Cramer's } V = .408$						

28. How many hours do you work in your private practice?

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Answered Yes to Q. 27

Hours	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 458)	(n = 31)	(n = 9)	(n = 8)	(n = 33)	(n = 116)	(n = 249)
Full-time (30 hours or more/week)	52.5	25.8	(n < 25)	(n < 25)	18.2	44.8	67.1
Part-time (fewer than 30 hours/week)	47.5	74.2			81.8	55.2	32.9
Statistical significance	Too many cells (33%) have expected count less than 5.						



29. Including yourself, how many employees are in your private practice? *If none, write "0."* Respond to all 3 items, below. (Mean percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Answered Yes to Q. 27

Employees	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n ≥ 260)	(n = 34)	(n = 9)	(n = 8)	(n = 35)	(n = 119)	(n = 256)
SLPs (include yourself)							
Mean	2.7	2.2	(n < 25)	(n < 25)	1.1	2.4	3.3
Standard deviation	4.0	3.0			0.9	5.0	4.1
Statistical significance	F = 2.2, df = 5, 430, p = .055						
Office staff							
Mean	1.0	0.3	(n < 25)	(n < 25)	0.1	0.8	1.4
Standard deviation	2.0	0.6			0.2	2.9	1.8
Statistical significance	F = 3.2, df = 5, 297, p = .009						
Other clinical providers (e.g., OT, PT, social work)							
Mean	1.7	0.2	(n < 25)	(n < 25)	0.1	1.8	2.1
Standard deviation	5.2	0.7			0.3	7.7	4.6
Statistical significance	F = 0.8, df = 5, 246, p = .522						

30. Do you receive payment for services for your private practice from the following sources? (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Answered Yes to Q. 27

Payment for Services	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n ≥ 320)	(n ≥ 27)	(n ≥ 6)	(n ≥ 7)	(n ≥ 22)	(n ≥ 65)	(n ≥ 184)
Patient private pay							
Yes	90.8	70.4	(n < 25)	(n < 25)	71.4	78.0	97.6
No	9.2	29.6			28.6	22.0	2.4
Statistical significance		Too many cells (33%) have expected count less than 5.					
Agency or school contract							
Yes	64.8	80.0	(n < 25)	(n < 25)	66.7	72.9	61.8
No	35.2	20.0			33.3	27.1	38.2
Statistical significance		Too many cells (25%) have expected count less than 5.					
Private health insurance							
Yes	67.3	35.7	(n < 25)	(n < 25)	30.8	68.3	75.0
No	32.7	64.3			69.2	31.7	25.0
Statistical significance		Too many cells (33%) have expected count less than 5.					
Medicaid							
Yes	44.7	32.1	(n < 25)	(n < 25)	(n < 25)	62.2	42.3
No	55.3	67.9				37.8	57.7
Statistical significance		Too many cells (33%) have expected count less than 5.					
Medicare							
Yes	9.9	21.4	(n < 25)	(n < 25)	(n < 25)	10.8	8.2
No	90.1	78.6				89.2	91.8
Statistical significance		Too many cells (33%) have expected count less than 5.					

Ethics

31. In the past 12 months, have you felt pressured by an employer or supervisor to engage in any of the following activities? *Select all that apply.* (Percentages) (Columns may total more than 100% because multiple responses were allowed.)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Ethics	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2064)	(n = 384)	(n = 148)	(n = 68)	(n = 452)	(n = 301)	(n = 564)
Bill inappropriate codes	1.8	1.0	1.4	0.0	2.9	2.0	2.0
Statistical significance		$\chi^2(5) = 5.5, p = .362$					
Provide a specific type of treatment	4.3	3.1	5.4	0.0	8.6	3.0	3.5
Statistical significance		$\chi^2(5) = 25.4, p = .000, \text{Cramer's } V = .115$					
Provide inappropriate frequency or intensity of services	10.7	7.6	10.1	4.4	27.4	8.6	3.9
Statistical significance		$\chi^2(5) = 157.6, p = .000, \text{Cramer's } V = .287$					
Provide services for which you had inadequate training and/or experience	3.6	3.6	3.4	1.5	2.9	6.0	3.2
Statistical significance		$\chi^2(5) = 6.8, p = .238$					
Provide services that are not clinically appropriate	6.3	5.2	8.1	2.9	15.3	3.7	2.5
Statistical significance		$\chi^2(5) = 77.2, p = .000, \text{Cramer's } V = .201$					
Other	2.4	2.3	0.7	1.5	3.3	3.3	1.8
Statistical significance		$\chi^2(5) = 5.8, p = .326$					
Did not feel pressured	73.7	82.8	85.1	92.6	58.8	80.1	85.5
Statistical significance		$\chi^2(5) = 133.9, p = .000, \text{Cramer's } V = .264$					

Culturally and Linguistically Diverse Populations

32. In the past 12 months, which clinical approaches have you used in service delivery to address cultural and linguistic influences on communication? *Select all that apply.* (Percentages) (Columns may total more than 100% because multiple responses were allowed.)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Clinical service provider

Ethics	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1710)	(n = 349)	(n = 127)	(n = 58)	(n = 392)	(n = 277)	(n = 486)
Acquired translated materials	24.7	39.0	39.4	31.0	15.3	21.3	17.7
Statistical significance		$\chi^2(5) = 88.3, p = .000, \text{Cramer's } V = .229$					
Modified assessment strategies/ procedures	33.4	43.6	50.4	44.8	22.4	30.0	29.0
Statistical significance		$\chi^2(5) = 63.2, p = .000, \text{Cramer's } V = .193$					
Referred to bilingual service providers	18.2	23.8	27.6	39.7	6.1	17.3	18.9
Statistical significance		$\chi^2(5) = 71.8, p = .000, \text{Cramer's } V = .206$					
Translated therapy tools	15.1	21.8	33.1	19.0	10.5	14.8	9.1
Statistical significance		$\chi^2(5) = 65.3, p = .000, \text{Cramer's } V = .193$					
Translated written materials, including consumer information	14.5	21.8	23.6	32.8	7.9	14.1	9.7
Statistical significance		$\chi^2(5) = 62.5, p = .000, \text{Cramer's } V = .192$					
Used interpreter/cultural broker	44.0	65.6	64.6	65.5	26.5	41.9	33.3
Statistical significance		$\chi^2(5) = 170.7, p = .000, \text{Cramer's } V = .318$					
None of the above	36.2	20.1	18.9	13.8	53.6	36.5	43.2
Statistical significance		$\chi^2(5) = 128.6, p = .000, \text{Cramer's } V = .276$					

33. How qualified do you believe you are to provide services to multicultural populations? (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Response	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2005)	(n = 371)	(n = 145)	(n = 68)	(n = 434)	(n = 290)	(n = 556)
1 Not at all qualified	12.1	7.8	6.9	4.4	19.6	11.0	13.8
2	25.9	25.3	25.5	19.1	33.2	22.1	24.5
3	37.2	42.0	36.6	41.2	35.0	35.9	35.1
4	19.1	19.1	24.1	22.1	9.0	22.1	21.8
5 Very qualified	5.8	5.7	6.9	13.2	3.2	9.0	4.9
Statistical significance	$\chi^2(20) = 95.3, p = .000, \text{Cramer's } V = .113$						

Demographics

34. Do you currently hold an ASHA Certificate of Clinic Competence in Speech-Language Pathology (CCC-SLP)? (Percentages)

CCC-SLP	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2064)	(n = 384)	(n = 148)	(n = 68)	(n = 452)	(n = 301)	(n = 564)
Yes	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Statistical significance	No variability; no test of significance.						



35. Identify the degrees you have earned. *Count only actual degrees--not equivalencies or certificates--and do not include degrees expected but not yet conferred.* (Columns may total more than 100% because multiple responses were allowed.) (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Earned Degrees	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n ≥ 2058)	(n ≥ 383)	(n = 148)	(n = 68)	(n ≥ 449)	(n ≥ 300)	(n ≥ 563)
Master's	98.5	99.2	100.0	97.1	98.2	98.3	97.7
PhD	1.6	0.5	0.7	2.9	1.3	1.3	3.4
Other doctorate	0.7	0.8	0.0	0.0	0.7	1.0	1.1
Highest Degree							
Master's	97.7	98.7	99.3	97.1	98.0	97.7	95.6
Doctorate	2.3	1.3	0.7	2.9	2.0	2.3	4.4
Statistical significance	$\chi^2(5) = 13.1, p = .022, \text{Cramer's } V = .083$						



36. How many years have you been employed in the speech-language pathology profession? Exclude your clinical fellowship. Round to the nearest full year. Enter "0" if you have never been employed as an SLP.

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Years in Profession	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2059)	(n = 383)	(n = 147)	(n = 67)	(n = 451)	(n = 301)	(n = 563)
25th percentile	9.0	10.0	10.0	8.0	9.0	10.0	9.0
50th percentile (Median)	15.0	16.0	15.0	13.0	15.0	16.0	16.0
75th percentile	24.0	25.0	22.0	25.0	23.0	25.0	26.0
Mean	16.9	17.5	16.9	16.1	16.6	18.0	18.2
Standard deviation	9.8	9.3	9.0	10.0	9.8	10.0	10.3
Mode	10.0	15.0	5.0	10.0	7.0	20.0	10.0
Statistical significance	$F = 1.8, df = 5, 1906, p = .108$						

37. Which one of the following best describes where you work? (Percentages)

Analyses limited to respondents who met the following criteria:

❖ CCC-SLP

❖ Employed full-time or part-time

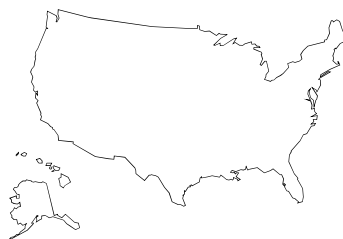
Locale	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 1920)	(n = 380)	(n = 148)	(n = 67)	(n = 444)	(n = 293)	(n = 554)
Metropolitan urban area	40.2	47.9	48.6	74.6	28.6	34.5	39.4
Suburban area	43.5	35.8	39.9	22.4	47.3	48.1	47.8
Rural area	16.2	16.3	11.5	3.0	24.1	17.4	12.8
Statistical significance	$\chi^2(10) = 93.4, p = .000, \text{Cramer's } V = .157$						

38. In what state is your primary employment FACILITY located? Use standard post office two-letter code, e.g., UT for Utah. (Percentages)

Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full-time or part-time

Area	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health client's home	Clinic/ Office
	(n = 1938)	(n = 382)	(n = 147)	(n = 67)	(n = 448)	(n = 300)	(n = 558)
Northeast	19.8	17.8	23.8	10.4	18.8	30.7	17.6
Middle Atlantic	13.9	14.1	17.7	9.0	12.3	22.7	10.8
New England	5.9	3.7	6.1	1.5	6.5	8.0	6.8
Midwest	24.9	27.7	20.4	23.9	32.8	14.7	21.5
East North Central	17.7	20.7	10.9	14.9	23.4	11.0	15.4
West North Central	7.1	7.1	9.5	9.0	9.4	3.7	6.1
South	36.3	34.3	40.1	46.3	36.2	35.7	34.9
East South Central	6.0	5.5	7.5	10.4	6.7	4.0	5.0
South Atlantic	20.4	19.4	15.0	28.4	21.9	21.3	19.0
West South Central	9.9	9.4	17.7	7.5	7.6	10.3	10.9
West	19.1	20.2	15.6	19.4	12.3	19.0	26.0
Mountain	6.0	4.7	6.8	10.4	4.0	9.0	6.8
Pacific	13.1	15.4	8.8	9.0	8.3	10.0	19.2
Statistical significance		FOR 4 REGIONS: $\chi^2(15) = 81.7, p = .000$, Cramer's V = .120 FOR 9 DIVISIONS: $\chi^2(40) = 131.7, p = .000$, Cramer's V = .118					



39. What is your sex? (Percentages)
 Analyses limited to respondents who met the following criterion:
 ❖ CCC-SLP

Sex	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health client's home	Clinic/ Office
	(n = 2059)	(n = 383)	(n = 148)	(n = 68)	(n = 450)	(n = 301)	(n = 564)
Female	94.8	94.0	98.0	97.1	92.7	95.0	95.7
Male	5.2	6.0	2.0	2.9	7.3	5.0	4.3
Statistical significance	$\chi^2(5) = 9.4, p = .094$						

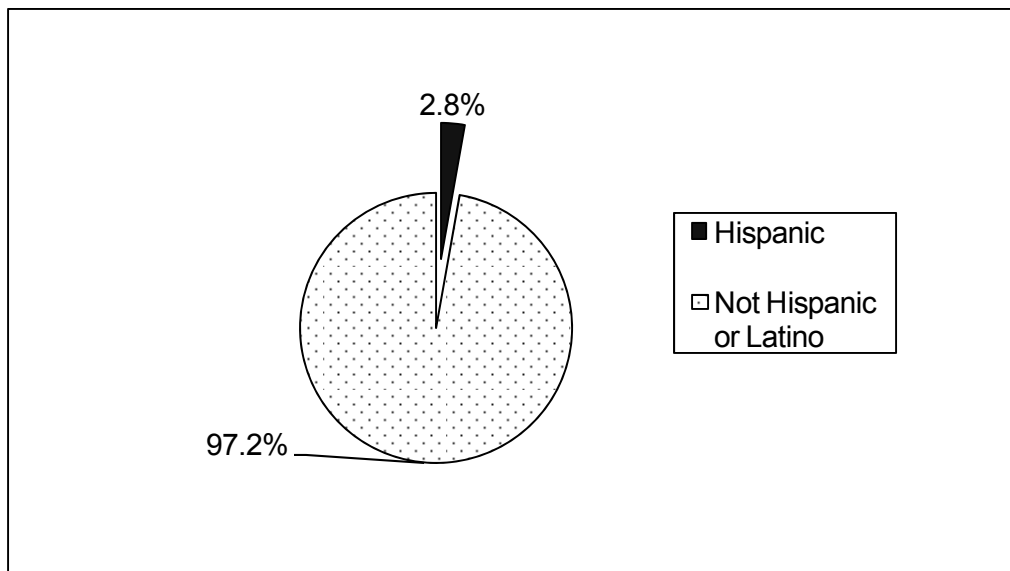
40. In what year were you born? (Note: converted to age.)
 Analyses limited to respondents who met the following criterion:
 ❖ CCC-SLP

Age	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2035)	(n = 376)	(n = 147)	(n = 68)	(n = 444)	(n = 299)	(n = 561)
25th percentile	35.0	36.0	36.0	33.0	34.0	36.0	35.0
50th percentile (Median)	42.0	43.0	42.0	38.0	42.0	43.0	44.0
75th percentile	52.0	52.0	51.0	51.8	52.0	55.0	53.5
Mean	43.7	44.2	43.6	41.7	43.6	45.2	44.5
Standard deviation	10.8	10.4	9.7	11.0	11.1	11.3	10.9
Mode	38.0	39.0	45.0	30.0	30.0	32.0	32.0
Statistical significance	$F = 1.6, df = 5, 1889, p = .149$						

The U.S. Census Bureau has made a distinction between "ethnicity" and "race." We use their categories and follow the federal guidelines which state that individuals may select one ethnicity but more than one racial heritage. Describe **both** your ethnicity and race using the federal government's categories below.

41. Which one of the following best describes your ethnicity? Circle one response only. (Percentages)
 Analyses limited to respondents who met the following criterion:
 ❖ CCC-SLP

Ethnicity	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health client's home	Clinic/ Office
	(n = 2036)	(n = 381)	(n = 147)	(n = 68)	(n = 444)	(n = 298)	(n = 552)
Hispanic or Latino	2.8	1.8	3.4	10.3	2.0	3.0	2.9
Not Hispanic or Latino	97.2	98.2	96.6	89.7	98.0	97.0	97.1
Statistical significance	$\chi^2(5) = 16.5, p = .005, \text{Cramer's } V = .094$						

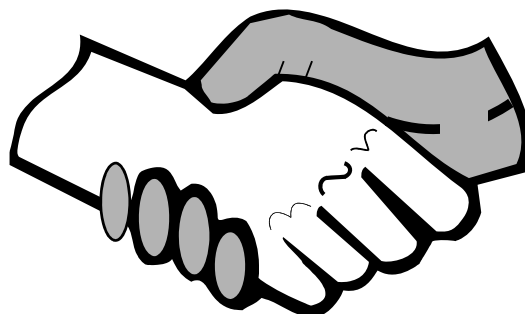


42. Which of the following best describes your race? Circle all that apply. (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Race	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
	(n = 2040)	(n = 381)	(n = 145)	(n = 68)	(n = 449)	(n = 299)	(n = 554)
American Indian or Alaska Native only	0.2	0.3	0.0	0.0	0.2	0.0	0.5
Asian only	1.8	2.9	1.4	1.5	1.6	2.0	1.4
Black or African American only	1.7	1.6	1.4	2.9	2.9	0.7	1.1
Native Hawaiian or Other Pacific Islander only	0.3	0.0	0.7	0.0	0.0	0.3	0.5
White only	95.3	94.5	96.6	95.6	94.9	96.3	95.7
Multiple races	0.7	0.8	0.0	0.0	0.4	0.7	0.7
Statistical significance	Too many cells with expected count less than 5.						



43. Which of the following best describe how your 2008 and 2009 ASHA dues were paid? *Check one response for '08 and one for '09. (Percentages)*

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Dues Payment	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
2008 Dues							
	(n = 2049)	(n = 383)	(n = 147)	(n = 67)	(n = 450)	(n = 300)	(n = 560)
I personally paid all dues.	71.3	80.2	81.0	76.1	68.4	73.7	58.8
My company/employer paid all dues.	18.1	13.6	16.3	17.9	26.7	11.3	19.6
I personally paid some and my company/ employer paid the rest.	2.8	5.2	2.7	1.5	3.6	0.7	1.8
Not applicable. I personally run the company, so both company and personal expenses are the same.	7.8	1.0	0.0	4.5	1.3	14.3	19.8
Statistical significance	$\chi^2(15) = 223.7, p = .000, \text{Cramer's } V = .198$						
(Table 43 continues on next page.)							

43. (Cont'd.) Which of the following best describe how your 2008 and 2009 ASHA dues were paid? *Check one response for '08 and one for '09.* (Percentages)

Analyses limited to respondents who met the following criterion:

❖ CCC-SLP

Dues Payment	Total	General Medical	Rehab Hospital	Pediatric Hospital	SNF	Home Health/ client's home	Clinic/ Office
2009 Dues							
	(n = 2032)	(n = 379)	(n = 146)	(n = 68)	(n = 447)	(n = 299)	(n = 555)
I personally paid all dues.	71.4	79.2	83.6	70.6	68.7	74.9	58.2
My company/employer paid all dues.	17.7	14.2	15.1	22.1	25.5	9.7	19.3
I personally paid some and my company/ employer paid the rest.	2.9	5.5	0.7	2.9	4.5	1.0	2.0
Not applicable. I personally run the company, so both company and personal expenses are the same.	8.0	1.1	0.7	4.4	1.3	14.4	20.5
Statistical significance	$\chi^2(15) = 230.0, p = .000, \text{Cramer's } V = .201$						

Facilities comprising the six (6) health care facilities for which data are provided in the frequency tables:

“General Medical”

- General medical hospital
- Hospital
- University hospital

“Rehab Hospital”

- Rehabilitation hospital

“Pediatric Hospital”

- Pediatric hospital

“SNF”

- Skilled nursing facility

“Home Health/Client’s Home”

- Home health agency
- Client’s home

“Clinic/Office”

- Nonresidential health care facility
- Private MD’s office
- Speech-language pathologist’s or audiologist’s office
- Speech and hearing center
- Outpatient rehabilitation center
- Ambulatory care center
- Clinic/Office chain or franchise
- Other nonresidential health care facility

Statistics used in the summary report include the following notation and description:

Notation	Description
Response rate	<p>The percentage of individuals who were included in the sample, minus any who were ineligible</p> $RR = \frac{(C + P)}{S - (Ret + I)}$ <p>Where</p> <ul style="list-style-type: none"> RR = Response rate C = Number of completed surveys P = Number of partial surveys S = Sample size Ret = Ineligible because of retirement I = Ineligible for other reasons (e.g., does not work in health care, no longer in the field, on leave of absence) $RR = \frac{2064}{4000 - (11 + 209)} = 54.6\%$
<i>n</i>	The number in the sample. In this report, the number of people who answered a particular question.
Mean	<p>A measure of central tendency; an average. Add the total of all the values and divide by the number of items.</p> <p>Example: $(1 + 1 + 7 + 34 + 88) / 5 = 26.2$</p>
Standard deviation	<p>A statistic that shows the spread of scores in a distribution. Used with means. The larger the standard deviation, the more widely the scores are spread out around the mean. ¹</p> <p>About 68% of the measurement is between 1 standard deviation greater than and 1 standard deviation smaller than the mean; 95% are plus/minus 2 standard deviations.</p> <p>Example: $(1 + 1 + 7 + 34 + 88)$ Standard deviation = 37.1</p> <p>Therefore, 68% of the responses are between -10.9 and 63.3</p>

Notation	Description
Median	A measure of central tendency; an average. Arrange the values in order, from lowest to highest. Select the value in the middle position. Example: 1, 1, 7, 34, 88 Median = 7
Mode	A measure of central tendency; an average. The value that occurs more frequently than any other value. Example: 1, 1, 7, 34, 88 Mode = 1
Statistical significance	Describes whether a value is larger or smaller than would be expected by chance alone. Note that a large sample size can lead to results that are “statistically significant” even though the results themselves may not have substantive or practical significance. This is particularly true for ChiSquare (X^2) tests. ¹
ChiSquare (X^2)	A test used to assess the statistical significance of a finding where the variables being assessed are nominal (e.g., “annual salary” and “hourly salary”) or ordinal (e.g., “Excellent,” “Good,” “Fair,” and “Poor”). It measures whether there are statistically significant differences between the observed frequencies and the expected frequencies of two variables. The larger the observed frequency is in comparison with the expected frequency, the larger the X^2 statistic and the more likely the difference is statistically significant. When the sample size is large, large X^2 values (that are statistically significant) can be obtained even for weak associations. ¹
Cramer’s V	A measure of the <u>strength</u> of the association, used with X^2 statistics to identify the meaningfulness of a relationship. The X^2 value may be large with a probability of having occurred by chance that is small ($p < .05$). That is, it is “statistically significant at the .05 level.” Cramer’s V tells us so what: how strong (practically important) is the relationship between the variables. The larger Cramer’s V, the stronger the association.
ANOVA (F)	F is the statistic computed when conducting an analysis of variance (ANOVA). Analysis of variance measures the differences between means on two or more variables. It is used when there are categorical independent variables and a continuous dependent variable. ¹
p	Probability. Found in expressions such as $p = .003$ meaning “The probability that this result could have been produced by chance is 1 in 3/1000ths. The smaller the number, the less likely that the result was due to chance. The p value is the actual probability associated with an obtained statistical result, such as X^2 or F. ¹
df	Degrees of freedom. The number of values that are free to vary when computing a statistic. Used in interpreting both a X^2 and an F ratio. It is calculated in a cross-tabulation as $(R - 1) (C - 1)$ or (the number of rows minus 1) times (the number of columns minus 1). In a 3 x 4 table, df would be 6.

¹ Vogt, W. P. (1993). *Dictionary of Statistics and Methodology*. Newbury Park, CA: Sage.